

**REMARKS**

The above amendment with the following remarks, and Request for Continued Examination, are submitted herein to be fully responsive to the Office Action of December 12, 2006. Reconsideration of this application in light of the amendment and the allowance of this application are respectfully requested.

Claims 1-2, and 4-13 were pending in the present application prior to the above amendment. In response to the Office Action, claims 1, 4, 5, 7-11 and 13 have been amended above. Therefore, claims 1-2, and 4-13 are still pending in the present application and are believed to be in proper condition for allowance.

Referring now to the Office Action, claims 1-2, 8, and 12-13 were rejected under 35 U.S.C. 102(b) as being anticipated by newly cited reference WO98/17493. The Examiner asserts that the '493 reference discloses all the limitations of the instant claims including a target means to calculate target pressure for a reservoir down stream of the compressor, the Examiner further asserting that the selection of the target pressure is carried out in real time. As set forth in the Request for Reconsideration filed September 29, 2006, the Applicants respectfully disagree in that the cited '493 reference does not disclose any calculation of a target pressure recited in the present claims. Instead, the cited '493 reference discloses a system that includes three set pressures for the reservoir including  $P_{min}$ ,  $P_{int}$ , and  $P_{max}$ , these pressures being described in the '493 reference as being "predetermined" and "stored in the CPU" of the disclosed system. (See Pg. 6, lines 11-19; Pg. 7, lines 1-9; Pg. 7, line 29-Pg. 8, line 1; and throughout the specification of the '493 reference). Correspondingly, the cited '493 reference entirely fails to disclose calculation of the target pressure for the compressor, much less calculation in real time as specifically recited in independent claim 1. In addition, the cited '493 reference fails to disclose a control system that calculates a target pressure in real time as recited in independent claim 8, or a target means that calculates a target

pressure for the reservoir downstream of the compressor in real time as recited in independent claim 13.

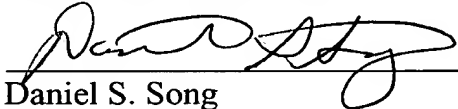
However, to expedite prosecution of the present application, independent claims 1, 8 and 13 have been amended to specifically recite real time calculation of a target pressure band to further distinguish the present invention from the cited art. This limitation is clearly shown in the Figure of the present application, and described in the specification of the present application. (See Pg. 4, last ¶ and Pg. 5, ¶5). Thus, the above rejection is also believed to be rendered moot in view of the above amendments to independent claims 1, 8 and 13, and the withdrawal of this rejection and allowance of claims 1-2, 8, and 12-13 are respectfully requested dependent on claim 1.

Referring again to the Office Action, claims 4-5 and 9-11 were rejected under 35 U.S.C. 103(a) as being unpatentable over the '493 reference discussed above. This rejection is believed to be rendered moot with respect to claims 4 and 5 which are ultimately dependent on claim 1 that is believed to be in proper condition for allowance. It is also noted that dependent claims 4, 5 and 7 have been amended to better correspond to the amended claim 1.

In addition, Applicants again respectfully contend that selection of predetermined values for the pressure disclosed in the '493 reference is not calculation of the target pressure recited in independent claim 9, or in claims 10 and 11 ultimately dependent thereon. However, to expedite prosecution of the present application, independent claim 9 has also been amended to specifically recite calculation of a target pressure band. Dependent claims 10 and 11 have been amended to better correspond to the amended claim 9. Thus, the withdrawal of this rejection relative to claims 4-5 and 9-11, and the allowance thereof, are also respectfully requested.

In view of the foregoing, it is submitted that the present application is in condition for allowance and a notice to that effect is respectfully requested. However, if any issue remains after considering this response, the Examiner is invited to call the undersigned to expedite the prosecution and work out any such issue by telephone.

Respectfully submitted,



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